

1012

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/894,924

DATE: 07/20/2001
 TIME: 12:21:54

Input Set : N:\Crf3\RULE60\09894924.txt
 Output Set: N:\CRF3\07202001\I894924.raw

3 <110> APPLICANT: ASHKENAZI, AVI J
 4 BOTSTEIN, DAVID
 5 DODGE, KELLY H.
 6 GURNEY, AUSTIN L.
 7 KIM, KYUNG JIN
 8 LAWRENCE, DAVID A.
 9 PITTI, ROBERT
 10 ROY, MARGARET A
 11 TUMAS, DANIEL B
 12 WOOD, WILLIAM I.
 14 <120> TITLE OF INVENTION: DcR3 Polypeptide, A TNFR Homolog
 16 <130> FILE REFERENCE: P1134R2 REVISED
 18 <140> CURRENT APPLICATION NUMBER: 09/894,924
 19 <141> CURRENT FILING DATE: 2001-06-28
 21 <150> PRIOR APPLICATION NUMBER: US 09/157,289
 22 <151> PRIOR FILING DATE: 1998-09-18
 24 <150> PRIOR APPLICATION NUMBER: US 60/059,288
 25 <151> PRIOR FILING DATE: 1997-09-18
 27 <150> PRIOR APPLICATION NUMBER: US 60/094,640
 28 <151> PRIOR FILING DATE: 1998-07-30
 30 <160> NUMBER OF SEQ ID NOS: 18
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 300
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Homo sapiens
 37 <400> SEQUENCE: 1
 38 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val
 39 1 5 10 15
 41 Leu Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val
 42 20 25 30
 44 Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu
 45 35 40 45
 47 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg
 48 50 55 60
 50 Pro Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro
 51 65 70 75
 53 Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr
 54 80 85 90
 56 Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Ala Arg Ala Cys
 57 95 100 105
 59 His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe
 60 110 115 120
 62 Ala His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly
 63 125 130 135
 65 Ala Gly Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys
 66 140 145 150
 68 Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala Ser Ser Ser Ser Ser

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69	155	160	165
71	Glu Gln Cys Gln Pro His Arg Asn Cys	Thr Ala Leu Gly Leu Ala	
72	170	175	180
74	Leu Asn Val Pro Gly Ser Ser Ser His	Asp Thr Leu Cys Thr Ser	
75	185	190	195
77	Cys Thr Gly Phe Pro Leu Ser Thr Arg	Val Pro Gly Ala Glu Glu	
78	200	205	210
80	Cys Glu Arg Ala Val Ile Asp Phe Val	Ala Phe Gln Asp Ile Ser	
81	215	220	225
83	Ile Lys Arg Leu Gln Arg Leu Leu Gln	Ala Leu Glu Ala Pro Glu	
84	230	235	240
86	Gly Trp Gly Pro Thr Pro Arg Ala Gly	Arg Ala Ala Leu Gln Leu	
87	245	250	255
89	Lys Leu Arg Arg Arg Leu Thr Glu Leu	Leu Gly Ala Gln Asp Gly	
90	260	265	270
92	Ala Leu Leu Val Arg Leu Leu Gln Ala	Leu Arg Val Ala Arg Met	
93	275	280	285
95	Pro Gly Leu Glu Arg Ser Val Arg Glu	Arg Phe Leu Pro Val His	
96	290	295	300

98 <210> SEQ ID NO: 2

99 <211> LENGTH: 1114

100 <212> TYPE: DNA

101 <213> ORGANISM: Homo sapiens

103 <220> FEATURE:

104 <221> NAME/KEY: Unsure

105 <222> LOCATION: 1090

106 <223> OTHER INFORMATION: Unknown base

108 <400> SEQUENCE: 2

109	tccgcaggcg gaccgggggc aaaggagggtg gcatgtcggt caggcacacg 50
111	agggtcctgt gtccgcgtg agccgcgtc tccctgtcc agcaaggacc 100
113	atgagggcgc tggagggggc aggcctgtcg ctgctgtgcc tgggtgttggc 150
115	gctgcctgcc ctgctgccgg tgccggctgt acgcggagtg gcagaaaacac 200
117	ccacacctacc ctggcgggac gcagagacag gggagcggct ggtgtgcgccc 250
119	cagtgcaccc caggcacctt tgtcagcgg ccgtgccccc gagacagccc 300
121	cacgacgtgt ggcccggtc caccgcgcac ctacacgcag ttctggaaact 350
123	acctggagcg ctgcccgtac tgcaacgtcc tctgcggggg gctgtgaggag 400
125	gaggcacacggg cttggcacgc caccacaaac cgtgcctgcc gctgcgcac 450
127	cggcttcttc ggcacacgtg gtttctgttt ggagcacgca tcgtgtccac 500
129	ctgggtgcgg cgtgattgcc ccgggcacccc ccagccagaa cacgcagtgc 550
131	cagccgtgcc ccccaaggcac cttctcagcc agcagctcca gctcagagca 600
133	gtgccacggccc caccgcacact gcacggccct gggcctggcc ctcaatgtgc 650
135	caggctcttc ctcccatgac accctgtgca ccagctgcac tggcttcccc 700
137	ctcagcacca ggttaccagg agctgaggag tgtgagcggtg ccgtcatcga 750
139	ctttgtggct ttccaggaca tctccatcaa gagcgtgcac cggctgctgc 800
141	aggccctcga ggccccggag ggctggggtc cgacaccaag ggcggggccgc 850
143	gcggccttgc agctgaagct gcgtcggcgg ctacacggagc tcctgggggc 900
145	gcaggacgggg gcgctgctgg tgccggctgt gcaggcgctg cgctgtggcca 950
147	ggatgccccgg gctggagcg gacgtccgtg agcgttctt ccctgtgcac 1000
149	tgatcctggc ccccttttat ttattctaca tccttggcac cccacttgca 1050

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Input Set : N:\Crf3\RULE60\09894924.txt
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W--> 151 ctgaaaagg ctttttta aatagaagaa atgaggttttn taaaaaaaaa 1100
 153 aaaaaaaaaa aaaa 1114
 155 <210> SEQ ID NO: 3
 156 <211> LENGTH: 491
 157 <212> TYPE: DNA
 158 <213> ORGANISM: Unknown
 160 <220> FEATURE:
 161 <223> OTHER INFORMATION: Unknown organism
 163 <220> FEATURE:
 164 <221> NAME/KEY: unsure
 165 <222> LOCATION: 62, 73, 86, 98
 166 <223> OTHER INFORMATION: unknown base
 168 <400> SEQUENCE: 3
 169 gccgagacag ccccacgacg tgtggccgt gtccaccgcg ccactacacg 50
 W--> 171 cagttctgga antaactgga gcncgtccgc tactgnaacg tcctctgngg 100
 173 ggagcgtgag gaggaggcac gggcttgcca cgccacccac aaccgtgcct 150
 175 gccgctgccc cacccggcttc ttgcgcacg ctgtttctg cttggagcac 200
 177 gcatcgtgtc cacctgggtc cggcgtgatt gccccggca ccccccagcca 250
 179 gaacacgcag tgcctagccg tgccccccag gcaccttctc agccagcagc 300
 181 tccagctca gacgtgcca gccccacgc aactgcacgg ccctgggcct 350
 183 gcccctcaat gtgcgcaggt ctgcctccca tgacaccctg tgcaccagct 400
 185 gcactggctt ccccttcagc accagggtac caggagctga ggagtgtgag 450
 187 cgtgccgtca tcgactttgt ggctttccag gacatctcca t 491
 189 <210> SEQ ID NO: 4
 190 <211> LENGTH: 73
 191 <212> TYPE: DNA
 192 <213> ORGANISM: Unknown
 194 <220> FEATURE:
 195 <223> OTHER INFORMATION: Unknown organism
 197 <400> SEQUENCE: 4
 198 gccgagacag ccccacgacg tgtggccgt gtccaccgcg ccactacacg 50
 200 cattctgaa ctacctggag cgc 73
 202 <210> SEQ ID NO: 5
 203 <211> LENGTH: 271
 204 <212> TYPE: DNA
 205 <213> ORGANISM: Unknown
 207 <220> FEATURE:
 208 <223> OTHER INFORMATION: Unknown organism
 210 <220> FEATURE:
 211 <221> NAME/KEY: unsure
 212 <222> LOCATION: 42, 62, 73, 86, 98, 106, 120, 122, 153, 167, 184, 220, 233
 213 <223> OTHER INFORMATION: unknown base
 215 <400> SEQUENCE: 5
 W--> 216 gccgagacag ccccacgacg tgtggccgt gtccaccgcg cnactacacg 50
 W--> 218 cagttctgga antaactgga gcncgtccgc tactgnaacg tcctctgngg 100
 W--> 220 ggagcgtgag gaggaggcac gngcttgcca cgccacccac aaccgtgcct 150
 W--> 222 gcngctgca gacccggcttc ttgcgcacg ctgtttctg cttggagcac 200
 W--> 224 gcatcgtgtc cacctgggtc cggcgtgatt gcncggca ccccccagcca 250
 226 gaacacgcac gcaaaagg 271

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Input Set : N:\Crf3\RULE60\09894924.txt
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228 <210> SEQ ID NO: 6
229 <211> LENGTH: 201
230 <212> TYPE: DNA
231 <213> ORGANISM: Unknown
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Unknown organism
236 <220> FEATURE:
237 <221> NAME/KEY: unsure
238 <222> LOCATION: 182
239 <223> OTHER INFORMATION: unknown base
241 <400> SEQUENCE: 6
242 gcagttctgg aactacctgg agcgctgccg ctactgcaac gtcctctgcg 50
244 gggagcgtga ggaggaggca cgggcttgcc acggcaccca caaccgtgcc 100
246 tgccgctgcc gcacccggctt ctgcgcac gctgggttct gcttggagca 150
W--> 248 cgcatcgtgt ccacctggtg ccggcgtat tnccccgggc acccccagcc 200
250 a 201
252 <210> SEQ ID NO: 7
253 <211> LENGTH: 277
254 <212> TYPE: DNA
255 <213> ORGANISM: Unknown
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Unknown organism
260 <220> FEATURE:
261 <221> NAME/KEY: unsure
262 <222> LOCATION: 142
263 <223> OTHER INFORMATION: unknown base
265 <400> SEQUENCE: 7
266 gagggggccccc caggagtggt ggccggaggt gtggcagggg tcaggttgc 50
268 ggtcccaagcc ttgcaccctg agctaggaca ccagttcccc tgaccctgtt 100
W--> 270 cttccctcct ggctgcaggc acccccagcc agaacacgca gnccagccgt 150
272 gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 200
274 ccccacccgca actgcacccgc cctgggcctg gccctcaatg tgccaggctc 250
276 ttccctccat gacaccctgt gcaccag 277
278 <210> SEQ ID NO: 8
279 <211> LENGTH: 199
280 <212> TYPE: DNA
281 <213> ORGANISM: Unknown
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Unknown organism
286 <400> SEQUENCE: 8
287 gcatcgtgtc cacctgggtc cggcgtgatt gccccggca ccccccagcca 50
289 gaacacgcag gcctagccgt gccccccagg caccttctca gccagcagct 100
291 ccagctcaga gcagtgccag ccccacccgca actgcacccgc cctgggcctg 150
293 gccctcaatg tgccaggctc ttccctccat gacaccctgt gcaccagct 199
295 <210> SEQ ID NO: 9
296 <211> LENGTH: 226
297 <212> TYPE: DNA
298 <213> ORGANISM: Unknown
300 <220> FEATURE:

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Input Set : N:\Crf3\RULE60\09894924.txt
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301 <223> OTHER INFORMATION: Unknown organism
303 <220> FEATURE:
304 <221> NAME/KEY: unsure
305 <222> LOCATION: 4, 9, 12, 165
306 <223> OTHER INFORMATION: unknown base
308 <400> SEQUENCE: 9
W--> 309 agcngtgcnc cncaggcacc ttctcagcca gcagttccag ctcagagcag 50
311 tgccagcccc accgcaactg cacggccctg ggctggccc tcaatgtgcc 100
313 aggctttcc tcccatgaca cgctgtcac cagctgact ggcttcccc 150
W--> 315 tcagcaccag ggtancagga gctgaggagt gtgagcgtgc cgtcatcgac 200
317 tttgtggctt tccaggacat ctccat 226
319 <210> SEQ ID NO: 10
320 <211> LENGTH: 283
321 <212> TYPE: DNA
322 <213> ORGANISM: Homo sapiens
324 <220> FEATURE:
325 <221> NAME/KEY: Unsure
326 <222> LOCATION: 1-283
327 <223> OTHER INFORMATION: Unknown organism
329 <220> FEATURE:
330 <221> NAME/KEY: unsure
331 <222> LOCATION: 27, 64, 140
332 <223> OTHER INFORMATION: unknown base
334 <400> SEQUENCE: 10
W--> 335 cttgtccacc tgggccggc gtgatnccc gggcacccccc agccagaaca 50
W--> 337 cgcagtgcac gcccnccccc cagggcacctt ctcaagccagc agctccagct 100
W--> 339 cagagcagtg ccagccccac cgcaactgca acggccctgn ctggccctca 150
341 atgtgccagg ctcttcctcc catgacaccc tgtgcaccag ctgcactggc 200
343 ttccccctca gcaccagggt accaggagct gaggagtgtg agcgtgccgt 250
345 catcgactt gtggcttcc aggacatctc cat 283
347 <210> SEQ ID NO: 11
348 <211> LENGTH: 21
349 <212> TYPE: DNA
350 <213> ORGANISM: Unknown
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Unknown organism
355 <400> SEQUENCE: 11
356 cacgctgggt tctgttggg g 21
358 <210> SEQ ID NO: 12
359 <211> LENGTH: 22
360 <212> TYPE: DNA
361 <213> ORGANISM: Unknown
363 <220> FEATURE:
364 <223> OTHER INFORMATION: Unknown organism
366 <400> SEQUENCE: 12
367 agctggtgca cagggtgtca tg 22
369 <210> SEQ ID NO: 13
370 <211> LENGTH: 53
371 <212> TYPE: DNA

VERIFICATION SUMMARY
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Input Set : N:\Crf3\RULE60\09894924.txt
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L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10